The DX Bulletin

• *America's Oldest Weekly Amateur Radio Publication* •

Issue 326 March 7, 1986

Greetings from the new Editor

Hi! Welcome to the new TDXB.

First, I would like to thank Jim Cain K1TN for his six years of service to the DX community. You have left some mighty shoes, to fill, Jim. I would also like to reassure TDXB readers that I will do my best to continue the fine tradition of comprehensive reporting and analysis that has established TDXB as the premier publication in its field.

I don't plan any changes to the successful TDXB format in the immediate future, but regular readers will see some gradual improvements in content and layout. I plan to cover more DX news, publish more photographs, and have regular special features.

If I have a single goal in publishing TDXB over the next few years, it is to reflect the joy, the thrill, the FUN of DX and DXing. I am unashamedly enthusiastic about the future of DX, and I look forward to many years of mutually enjoyable sharing of DX and DX experiences with TDXB readers. Together TDXB and you, the readers, will bring back sunspots, good propagation, and the joy of DX.

As I review TDXB's mailing list, I recognize many of the names and more of the callsigns from my 2Ø years in amateur radio. For those readers who don't know me, here's a little about my ham radio career:

First licensed as WN2VDN, I presently hold the stateside call of WB2CHO. In addition to DX, I have been actively involved in traffic handling, satellite operation, VHF, and contests. During several years at ARRL Hq. in Newington, I was involved in radio clubs, training, WAC awards, satellites, and served on the ARRL Hq. Awards Committee.

Over the past ten years, I have operated from more than a dozen countries, from T32 and HC8 to 9L1 and C5. Meeting DXers around the world and experiencing different radio conditions and locations have provided me with valuable background for TDXB.

My opinions and preferences will undoubtedly show through in future issues, so as a bit of advance warning, I like:

Propagation, especially unusual modes
QSL cards and the art of QSLing
DX clubs and their activities
1Ø meters, 16Ø meters, and the new WARC bands
DXpeditions and DXpeditioners
Contests and computers

Heading my list of dislikes are transmitting without listening, self-appointed DX policemen, 2Ø meter SSB, using more power than needed, solar flux counts in the 6Øs, and pessimists.

Meanwhile, I want to hear from you about your likes and dislikes, and what **you** want to see in TDXB. Please write me at 816 Fourth St., Suite 1ØØ1, Santa Rosa CA 954Ø4 or call (7Ø7) 523-1ØØ1 during Pacific local time office hours (16ØØ-24ØØZ).

73 and good DX. - Chod Harris, VP2ML, Editor.

7O - DPR Yemen The Democratic Peoples Republic of Yemen (South Yemen) has been off the ham bands since Independence in 1967 (except for the undocumented operation of 6W1HB/7O in 1985). Prospects for radio operation in the near future are grim. Thus DXers who need a 7O card should review their 1947-67 logs for contacts with VS9A-- stations, which count for 7O. SM5DQC has complied a list of possible QSL routes for 5Ø such stations. For a copy, send an SASE to TDXB.

Africa Tom Gregory N4NW/ZS6USA travels extensively throughout southern Africa, and he has offered to share some of his observations on the state of ham radio there with TDXB readers.

• **C9 - Mozambique** Still no operation.

• **5N - Nigeria** KA4EPK/5NØ has a new KT-34A on the roof of a 9-story building. QSL via K4JZQ.

• **TR8 - Gabon** TR8DX logs have been forwared to QSL manager WA4VDE. Outlook for reciprocal, guest, or DXpedition operation is poor.

• **9Q5 - Zaire** 9Q5RN is returning to Germany at the end of March, and needs many 7s and WVA, DEL, KL7, and KH6 for WAS. Try 2Ø SSB. 9Q5TV is also active.

• **3CØ - Annobon** A license is possible (witness the Hensons' recent trip), but transportation to the island is difficult at best.

• **Franz Josef Land** UA1OT is active around 14Ø18 at 17ØØ-19ØØZ. QSL via Box 88 or via UB5KW, Alex Demchik, P.O.Box 261, Rovno, 266ØØØ, USSR. Remember: no green stamps, religious references, or political statements in direct mail to Soviet citizens. Thanks LZ2DF and Funkamater.

• **3C1 - Equatorial Guinea** Spanish-speaking 3C1MB is on now at 7Ø8Ø SSB. He has promised high band activity soon. QSL via EA7KF.

• **4U1VIC** This station, which counts as a separate multiplier for WAE contests, recently acquired a 4-element 2Ø-meter wire beam, soon to be mounted at 45Ø'. As with other multi-operator, club stations, incoming QSLs are sorted by operator's name for responses. Be sure to put the name on the card. 4U1VIC is also available for guest operation. Contact John Oakberg NK4N or Dick Olsen K7AWD at VIC.

• **D68 -Comoros** D68CF is F6EUF Franck Cerf. He expects to be on the air from Comoros for the next two years. QSL Box 792, Moroni.

• **VU7 - Andamans** The DX Family Newsletter reports VU2HMD operating from the Andamans Beach Resort Hotel both last June and again this January. However, the National Institute of Amateur Radio in India deny knowledge of any amateur permission to operate from VU7, in a letter the DX News Sheet. Those few hams who worked Deena from the Andamans can try their luck with the DXCC desk. QSL home address.

• **T32 - E. Kiribati** JH4RHF and three other members of the Osaka University Radio Club JA3YKC will be active from T32 Mar 26-Apr 2, including the WPX contest. QSL via JH4RHF.

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Boy, is your signal weak!

"Is your antenna underwater?" March QST carries a short about Dr. Mary Lou Coulston KV4KD working DX from an laboratory 50 feet below the surface of the ocean. Jokes about underground antennas aside, this could be the source of a slew of new DXCC countries. Maria Teresa Reef comes to mind, for example. If an "island" is inhabited, shouldn't it count for DXCC, even if no part is above sea level? Hundreds of submerged seamounts pepper the Pacific, enough to provide years of underwater DXpeditioning. What are we waiting for? Contact your DXAC representative today!

Letters

Dear DX Bulletin:

Maybe the operator who blames phase noise from TS940 transmitters (I324) is hearing receiver phase noise. Besides, how do you determine phase noise on 80 and 160 meters? By cross-connecting the receiver and transmitter? It would have to be a very quiet day! -KA1PL.

Gettin' Them On The Wall

Working a DX station is only half the battle. Confirming a rare QSO can be as challenging as stalking the station in the first place. In future issues, TDXB will share unique methods of prying the pasteboard out of the QSL manager, and getting it 'on the wall.' Here's a sample, courtesy of The DX Family Newsletter:

"MP4TDM Sam was active from United Arab Emirates (now A6) from 1971 until he became A6XB in 1973. His QSL manager, Vern Dameron K1DRN reports that Sam always retyped his log before sending a copy to Vern, a process that introduced occasional errors in the log. This happened in the case of JH1KRC, who had a five-minute QSO with Sam in June, 1972, in which the hams exchanged names and QTHs as well as signal reports. The first QSL card from JH1KRC to Vern was returned, "not in log." On his second card, JH1KRC mentioned the long QSO with Sam, and suggested it was a valid contact. Vern wrote Sam and asked him to research the QSO. Sam finally found that he had made a mistake in recopying the callsign. Thanks to the kindness and extra effort of both QSL manager Vern and Sam, JH1KRC received confirmation of his new country only 13 1/2 years after the contact!

Reports Wanted: Please write or phone for report forms and envelopes: 814 Fourth St, Suite 1001, Santa Rosa, CA 95404 (707) 523-1001. Office hours are weekdays 1600-2400Z, answering machine picks up on second ring.

Prefixes 3A6E and 3A6F, active during many major contests in 1986, are 3A2EE and 3A2LF respectively. FB calls are now being issued for 20-watt cw operations on 7020-40, 14050-100, 21050-150, 28000-100, and 28400-29000 SSB.

Followup The IT9AZS African DXpedition came to a close Feb 5, when Salvatore IT9AZS, Enrico IT9SXA, and YL Fernanda I2RLX returned to Italy after making 12,500 QSOs from S90AS and 5V7AS. The group worked DXCC from both locations. Equipment was a Yaesu FT-277, MN2000, 12AVQ, and W3DZZ antennas. The TY segment was cancelled when the licensing failed to come through as promised (a not-unusual phenomenon in African DXpeditions.) Thanks DX News Sheet.

Propagation Forecast:
March 11 Low Normal
12 High Normal
13 High/Low Normal
14 High/Above Normal
15 High Normal
16 High Normal
17 Low Normal
Thanks N4XX.

Flux (81)	Flux (82)	Flux (83)	Flux (84)	Flux (85)	Date	Flux	A	K
						----1986----		
207	175	92	116	76	2/21	67	23	3
204	167	109	147	75	2/22	69	34	4
228	177	114	162	73	2/23	69	36	4
241	188	117	170	72	2/24	70	18	2
239	188	123	172	72	2/25	72	18	3
243	208	129	174	71	2/26			
240	206	141	168	70	2/27			

Thanks KH6BZF.

Bandpass continued from next page

20 METERS

Z2/W6QL	14016	2010	18	MA
Z2/W6QL	14031	1929	15	AL
Z2/W6QL	14227	2015	20	FL
Z2/W6QL	14012	2040	15	MI
Z2/W6QL	14013	2030	17	OR
ZD7SE	14183	1937	17	MD
ZP5XGG	14018	2300	19	MA
ZS3KC	14208	2003	22	FL

15 METERS

4U1UN	21008	1755	15	AL
5N9GM	21241	1350	15	MD
9J2WS	21209	1503	15	MD
9Q5TV	21210	2056	15	MD
A24BJ	21258	1647	15	MD
A24KM	21240	1351	15	MD
FO8JP	21033	2238	16	GA
FP5HL	21035	1456	15	AL
GU3HFN	21026	1444	15	AL
KX6DS	21030	2115	17	MA
TA1C	21250	1536	15	MD
VQ9RB	21025	1339	6	AL
VR6KY	21323	1917	12	MD
VS6DO	21023	1341	16	MD
YN1CC	21025	1720	19	MA
Z2/W6QL	21289	1614	12	MD
Z2/W6QL	21050	2302	16	GA
ZD8LIK	21260	1940	8	MD
ZD9BV	21305	1623	15	MD
ZL0AAC	21262	2000	18	MA
ZM8OY	21001	2205	15	AL

BANDPASS

Key to Bandpass: Callsign, frequency, UTC, day of month, state. * = long path. All 'portable' calls are listed with country of operation first, regardless of format used on the air.

160 METERS

4U1UN	1834	0325	16	GA
DL6FBL	1832	0317	16	GA
OK1AUN	1830	0505	18	MA
PJ9J	1830	0320	16	GA
PZ1DT	1834	0520	21	MA
V47K	1841	0520	21	MA

80 METERS

4U1UN	3792	0227	26	MA
4U1UN	3794	0318	24	MA
4U1UN	3513	0432	16	AL
5NO/YU3KI	3501	2310	4	NH
8R1Y	3508	0408	16	AL
CO1RH	3502	1135	17	NH
CU2AK	3525	0254	16	AL
EA9IE	3800	0329	23	MA
HI60RCD	3798	0330	23	MA
J34LTA	3504	0510	17	OR
KC6DM - WCI	3504	1435	18	OR
KH6CF	3502	1006	9	NH
KX6DS	3504	1150	9	NH
P4/PA0FM	3796	0003	24	MA
P40M	3515	1103	15	NH
P43AJ	3799	0805	23	MA
PJ7/K2KTT	3783	0230	26	MA
SV1LV	3505	2150	18	NH
TI2PZ	3502	1201	9	NH
TI4BGA	3503	1148	9	NH
UH8DC	3506	0240	21	MA
UQ1GXY	3513	0151	26	MA
V44KA	3803	0221	26	MA
VP5/N6EK	3510	0200	25	MA
VP5/N6EK	3504	0146	26	MA

40 METERS

3V8PS	7001	2120	14	MA
4U1ITU	7004	0153	15	AL
4U1UN	7035	0226	16	AL
5NO/YU3KI	7046	2334	16	AL
5T5RG	7010	0850	15	MA
5V7AS	7002	0039	5	AL
9M2AX	7003	1455	13	OR
9Y4AA	7002	0304	14	OR
A35WZ	7007	1104	26	MA
A35WZ	7005	1518	17	OR
A35WZ	7019	1245	19	OR
A35WZ	7013	0840	15	MA
C21NI	7002	1220	19	OR
C31NP	7007	0043	5	AL
CE0FFD	7011	0318	16	AL
CX2DK	7005	0330	11	AZ
DV2/KA3DRR	7008	1545	14	OR
EA8GS	7015	2347	19	FL
FO8JP	7021	0725	16	MA
FR4ZD	7011	0323	19	FL
H44IA	7010	1215	17	OR
H44IA	7011	0800	16	MA
HA5HO*	7003	1546	17	OR
HP1XTY	7015	2353	19	FL
HZ1HZ	7010	0151	16	AL
J28EG	7004	2330	14	MA
J28EG	7006	0001	21	FL
J28EG	7007	2320	19	MA
J34LTA	7006	0623	20	FL
J34LTA	7004	1130	17	OR
J34LTA	7007	1200	26	MA
J34WG	7004	0230	18	MI
J34WG	7013	2120	14	MA
J34WG	7011	0215	19	OR
J34Z	7032	0243	15	AL
J34Z	7005	0440	19	OR
J37AE	7018	0329	15	AL
J88AY	7016	0205	19	MI
JD1/JM1LRQ	7004	1120	17	OR
OGASAWARA				
JD1/JM1WZP	7007	1555	17	OR
OGASAWARA				
KC6/KC6MR	7002	1505	17	OR
KC6CM	7083	1445	19	OR
KC6CM	7084	1445	18	OR
KC6DM - WCI	7005	1458	13	OR
KC6DM - WCI	7004	1540	18	OR
NH0/JJ1TZK	7009	1441	13	OR
OH2VY*	7002	1540	17	OR
P4/PA0VDV	7004	1100	26	MA
P40M	7031	0237	15	AL
P40M	7002	0122	19	MI
TE6T	7009	0850	15	MA
COSTA RICA				
UH8EC	7022	1231	16	AL
UL7PBD	7008	1257	5	AL
UO4OWQ	7024	2357	16	AL
UZ1ZZZ	7027	1251	5	AL
V3DA	7005	1230	18	MA
V47A	7026	0232	15	AL
V85TT	7002	1430	17	OR
VQ9LD	7018	2335	14	MA
VQ9LD	7002	2055	14	MA
VQ9LD	7036	0003	16	AL
VS6TP	7001	1547	17	OR
VZ3XWA	7009	1435	19	OR
YB9LA	7085	1450	14	OR
YC8VCE	7010	1405	14	OR
Z2/W6QL	7008	0204	15	AL
ZK1CG	7009	0525	17	OR

30 METERS

CT1LN	10106	2217	20	FL

20 METERS

3B8FP	14183	2040	14	MA
3V8PS	14025	1600	14	OR
3V8PS	14001	1648	23	IL
3V8PS	14026	1330	21	MA
3V8PS	14026	1340	20	MA
3V8PS	14026	1600	18	MA
3X0HSH	14160	2242	21	MD
4U1UN	14035	1543	15	AL
5H3ZO	14026	2125	14	MA
5H3ZO	14028	2015	17	MA
5H3ZO	14029	2000	17	MA
5N6/KC7UU	14029	2050	18	MA
5N9GM	14118	2020	20	FL
5R8AL	14160	1815	14	OR
5R8AL	14160	1905	14	OR
5R8AL	14160	1857	14	MD
5Z4DE	14061	2023	16	AL
6T2BA	14164	2137	19	MD
6W1PC	14016	2034	16	AL
7X2LS	14182	2211	14	MD
8P6NW	14023	2150	19	MA
9G2XX	14196	2200	19	MA
9K25KR	14200	1505	23	MA
9L1YL	14193	2101	13	MD
AP2ZA	14212	1416	10	MD
AZ1A	14184	0158	14	MD
BY5RA	14025	0135	19	OR
CE9AM	14210	0115	17	OR
DP0GVN	14021	2310	19	MA
ANTARCTICA				
EA8RCT	14025	2003	21	MI
EA8RCT	14018	2055	19	MA
EA9IE	14025	2010	21	FL
EL2M	14160	0040	14	MD
FM5BW	14039	1748	16	GA
FM5CW	14005	1345	4	AL
HB0CZS	14026	1311	6	AL
HZ1HZ	14005	1632	16	AL
HZ1HZ	14006	1617	15	AL
HZ1HZ	14029	1655	14	OR
J28DS	14223	2016	22	IL
J28DS	14024	1805	19	MA
J28DS	14025	1915	19	MA
J34Z	14027	2056	19	MA
JD1/JM1LRQ	14014	0205	19	OR
JT1BG	14217	2315	20	MA
JW0A	14021	1350	21	MA
LU8DQ	14015	2038	15	MI
LX1WC	14053	1334	16	AL
P40M	14028	1900	18	MA
P40M	14026	2034	15	MI
TA2D	14218	1355	17	MD
TA3E	14160	1529	23	MA
TJ1CH	14180	2027	22	IL
TR8LD	14178	2037	8	MD
TR8LH	14212	2217	11	MD
UA0QAY	14013	0024	20	MI
UA1OT - FJL	14018	1700	14	OR
UA1OT	14019	1850	20	MA
UI8AHA	14018	1304	6	AL
UJ8JLF	14031	1316	6	AL
V4/K4FW	14033	1313	5	AL
V47K	14002	1846	23	IL
VQ9LD	14006	1821	15	AL
XT2BR	14183	2011	13	MD
YB2BNJ	14010	2356	19	MI
YN4RC	14030	1254	17	GA

continued on previous page

Hi Fred -

Chod

CALENDAR

Africa	W6KG/W6QL aiming for 7Q and 9J
Africa	W4LZZ at 5T, 3X, 6W; Issue 323
Antarctica	3Y8WT there now; no reports
Armadillo Run	May and June, I321. K5RC for info
Aruba - P4	Under consideration as "new one." P4/HB9TL Apr 26-May 3
Bonaire - PJ	PJ4/HB9TL Apr 11-25
Cameroon - TJ	TJ1CH try 14183 at 2000Z
Cambodia - XU	XU1SS in JA, EU at 0900Z
Canton - KH1	KS6DV/KH1 rumored; no reports
Chagos - VQ9	VQ9LD try 7005 at 1300Z long path
China - BY	BY1QH, BY1SK active 20 SSB
Comoros - D6	D68CF there for two years
Cyprus Bases	ZC4HMS, ZC4ESB active; ZC4MR with W7PHO 14225 at 1600Z
E Carolines -KC6	KC6JC on 20/40
E. Kiribati -T32	JH4RHF and others Mar 26-Apr 2.
Falklands - VP8	VP8BGO, VP8WTW active
Fr Josef Land	UA1OT very active - see Bandpass
Ivory Coast - TU	Try 14183 net at 1900Z

Contests

Bermuda Contest Mar 15/16
CQ WPX SSB March 29/30
NA QSO Party CW Apr 12/13
NA QSO Party Phone Apr. 19/20
Armadillo Run SSB May 3/4
CQ WPX CW May 24/25

CONTRIBUTORS

KH6BZF, N4XX, W9IL, AA4FL, W1NH, KA1XN, KC7IG, K1MEM, W8CT, K6IR, K4BAI, W1AX, N4NO, QST, KG6IP, ABØX, W9OOP, KA1PL, DX NEWS SHEET, DX-NL, K1TN, DX Family Newsletter, ABØX, QRZ DX, K7AWD, N4NW, SM5DQC.

Kermadec - ZM8	ZL8OY until late summer
Lebanon - OD	EI9FG/OD5 for several months
Madeira - CT3	W2ZZ/CT3 there now; no reports
Malagasy - 5R	5R8AL active; see Bandpass
Mauritania - 5T	5T5SR on 15 and 20
Mauritius - 3B8	DF5IW there 3B8FP?
Mongolia - JT	JTØXC (OK1XC) on now, low bands
Montserrat -VP2M	VE3HO, WB8YUC on this week
Sao Tome - S9	S92LB on 14183 2030-2330Z QSLs are good for DXCC
So Georgia - VP8	VP8BFC rumored
So Orkneys	AZ1A on now 75 SSB and 20 RTTY
So Shetlands	ZXØECF reported from EU
Sudan - ST	6T2MG and 6T1YP active
Tokelaus - ZK3	ZK3RW by ZL1AMO in March; I314
Tromelin - FR/T	FR7AI troubled with storm damage
Turks - VP5	KC2RS on now; I321
Zaire - 9Q5	9Q5RN trying to finish WAS on 20 SSB

Be DX! The Last Resort rental cottage and ham shack on Montserrat VP2M is available for WPX SSB contest at the end of March. Call TDXB at (707) 523-1001 for details.

DX Clubs

o 1986 officers for the very active Kansas City DX Club are Larry Wilson KØRWL President, Mike Bellinger KØUAA Vice President, Steve Gecewicz KØCS Secretary, Rick Barnett KBØU Treasurer, and Mike Crabtree ABØX as editor of the one of the top DX club newsletters in the country. Best of luck in 1986, and see you all at room 525 at Stouffers in Dayton.

o The Southern California DX Club, host of the International DX Convention in Visalia April 18-20, elected officers for 1986. They are Dan Davitt N6CGB President, Steve Locks W6FRZ Vice President, Edgar Brown N6OU Treasurer, Russ Mason KG6IP Secretary, Marty Moll N6VI, Frank Cuevas W6AOA, and Red Stillman W6AE Directors.

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